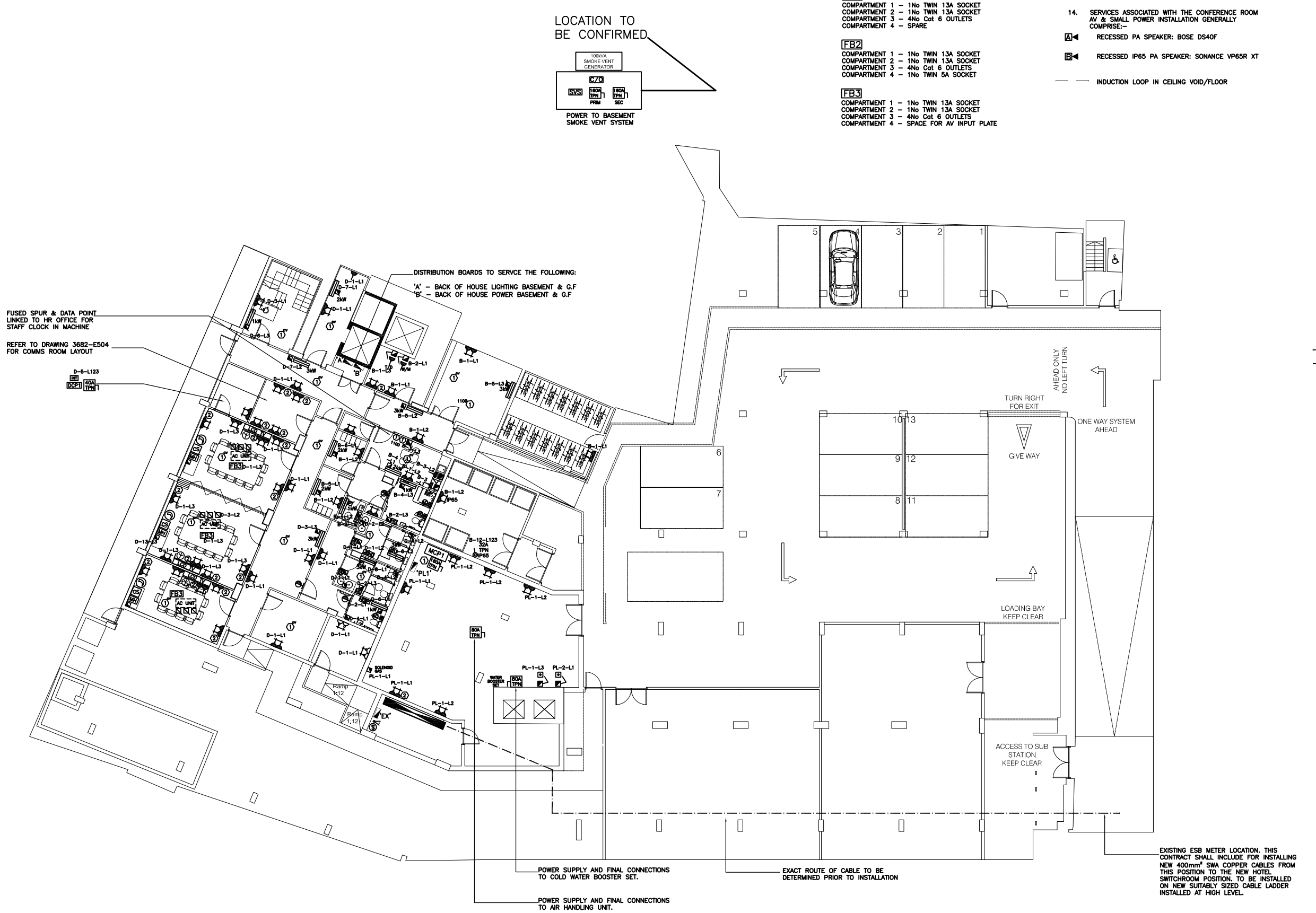

INCLUDE ALL NECESSARY OFFSETS OF SERVICES IN CEILING VOIDS, SERVICE DUCTS AND ALL OTHER AREAS TO ACHIEVE CROSSOVERS AND CO–ORDINATION OF MECHANICAL AND ELECTRICAL SERVICES.

XkW DENOTES WALL MOUNTED ELECTRIC PANEL HEATER. MANUFACTURER SHALL BE AS DIMPLEX LTD. DXC20Ti MODEL

FB1
COMPARTMENT 1 – 1No TWIN 13A SOCKET
COMPARTMENT 2 – 1No TWIN 13A SOCKET
COMPARTMENT 3 – 4No Cat 6 OUTLETS
COMPARTMENT 4 – SPARE

FB2
COMPARTMENT 1 – 1No TWIN 13A SOCKET
COMPARTMENT 2 – 1No TWIN 13A SOCKET
COMPARTMENT 3 – 4No Cat 6 OUTLETS
COMPARTMENT 4 – 1No TWIN 5A SOCKET

FB3
COMPARTMENT 1 – 1No TWIN 13A SOCKET
COMPARTMENT 2 – 1No TWIN 13A SOCKET
COMPARTMENT 3 – 4No Cat 6 OUTLETS
COMPARTMENT 4 – SPACE FOR AV INPUT PLATE

13 AMP HINGED FLOOR RECESSED SINGLE SOCKET OUTLET BRASS COVER

INTRUDER ALARM INTERNAL SOUNDER

INTRUDER ALARM DOOR CONTACTS

14. SERVICES ASSOCIATED WITH THE CONFERENCE ROOM AV & SMALL POWER INSTALLATION GENERALLY COMPRISE:–

A RECESSED PA SPEAKER: BOSE DS40F

B RECESSED IP65 PA SPEAKER: SONANCE VP65R XT

INDUCTION LOOP IN CEILING VOID/FLOOR

NOTES

1. NOTES DENOTED ON ALL DRAWINGS APPLY WHERE APPROPRIATE.
2. REFER TO SCHEMATIC WIRING DIAGRAMS FOR FURTHER INFORMATION WHERE APPLICABLE.
3. EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL EQUIPMENT AND ACCESSORIES TO BE CLARIFIED PRIOR TO THE COMMENCEMENT OF THE ASSOCIATED WORKS.
4. HAND DRYERS SHALL BE MOUNTED 1200mm FROM THEIR UNDERSIDE TO FINISHED FLOOR LEVEL (DISABLED TOILET AT 1000mm). ASSOCIATED CONNECTION UNIT SUPPLIES SHALL BE MOUNTED ABOVE DRYERS AT 2200mm FFFL WITH CONCEALED CONDUIT BESA BOX TO REAR OF DRYERS.
5. EQUIPMENT SHOWN HATCHED IS PROVIDED AND INSTALLED UNDER A SEPARATE CONTRACT.
6. INCLUDE FOR THE INSTALLATION OF COMMUNICATIONS MULTI–CORE CABLING BETWEEN THE LIFT MOTOR ROOM AND RECEPTION COUNTER
7. LOCATION OF ISOLATING SWITCHES FOR AIR–CONDITIONING INDOOR UNITS TO BE ACCESSIBLE FROM LOCAL TRAP DOORS. EXTERNAL A/C UNITS SHALL EACH BE ELECTRICALLY SERVED BY MEANS OF AN IP66 RATED POLYCARBONATE ENCLOSURE ISOLATING SWITCH AS MESSRS. CLIPSAL LTD 'INDUSTRIAL 56 SERIES'.
8. INTERNAL WALL MOUNTED FIRE ALARM & INTRUDER ALARM SOUNDERS SHALL BE INSTALLED 2300 mm FROM UNDERSIDES TO F.F.L.
9. ALL POWER SUPPLIES FOR EXTERNAL & INTERNAL CCTV CAMERAS TO BE INSTALLED WITHIN NEAREST CEILING VOID OR STORE. WHERE IN CEILING VOIDS THEY ARE TO BE LOCATED ADJACENT TO ACCESS TRAPS IN PLASTERBOARD CEILING AREAS.
10. FOR DISTRIBUTION BOARD REFERENCES AND CIRCUIT NUMBERS REFER TO THE MAINS WIRING DIAGRAM & CIRCUIT DESIGN SHEETS.
11. THE EXACT LAYOUT OF SERVICE DUCTS TO BE AGREED ON SITE. THIS CONTRACT SHALL INCLUDE FOR CLOSELY LIAISING WITH THE MECHANICAL SERVICES INSTALLATION CONTRACTOR & SETTING UP A SAMPLE DUCT WITH ALL SERVICES PIPEWORK, TRAY ETC. FOR APPROVAL.
12. GENERALLY CONTAINMENT SYSTEMS INSTALLATIONS ARE NOT ILLUSTRATED ON THE DRAWINGS FOR CLARITY.
13. ADDITIONAL SYMBOLS NOT CONTAINED WITHIN THE EM1 SYMBOLS & ABBREVIATIONS DRAWING GENERALLY COMPRISE:

PA INDUCTION LOOP INDICATIVE LAYOUT ONLY

3–COMPARTMENT TRUNKING INSTALLED 800mm FROM UNDERSIDE TO F.F.L.

HS DOOR ENTRY SYSTEM HANDSET. ASSOCIATED POWER SUPPLY UNIT TO BE INSTALLED WITHIN THE CEILING VOID

H 2 WAY AUDIO / 1 WAY VIDEO DOOR ENTRY INTERCOM HANDSET WITH MAGNETIC DOOR RELEASE

CLEAN EARTH FROM MAIN EARTH TERMINAL. PROVIDE G/Y LSF CABLE AND 100Amp RATED 12 WAY COPPER EARTH BAR WITHIN SUITABLE ENCLOSURE WHERE REQUIRED.

AC WALL MOUNTED AIR–CONDITIONING CONTROLLER

MFD MOTORISED FIRE DAMPER PROVIDED & INSTALLED UNDER SEPARATE CONTRACT WITH FINAL ELECTRICAL CONNECTION UNDER THIS CONTRACT.

INT INTERFACE TO FIRE ALARM SYSTEM

P INTRUDER ALARM PIR SENSOR

D MAINS POWERED MAGNETIC DOOR HOLDERS

1 SINGLE COMPUTER OUTLET WITH CAT6 CABLED TO COMMS ROOM

2 TWIN COMPUTER OUTLET WITH 2 No. CAT6 CABLES TO COMMS ROOM. TWIN OUTLETS INSTALLED IN SINGLE GANG PLATE AND IN 45mm DEEP BOX.

FIRE ALARM SYSTEM DETECTOR INSTALLED WITHIN CEILING VOIDS IN EXCESS OF 800mm IN HEIGHT

RI DISABLED REFUGE REMOTE INTERCOM PANEL 1000mm AFFL

RI DISABLED REFUGE MAIN INTERCOM PANEL 1450mm AFFL

FWC FIRE MANS WINDOW CONTROL

REV	DATE	DESCRIPTION	DR	CK
C4	06.06.16	ARCH LAYOUT REVISED	DW	MB
C3	29.03.16	ARCH LAYOUT REVISED	DW	MB
C2	16.10.15	ARCH LAYOUT REVISED	DW	MB
C1	12.05.15	G4 CONSTRUCTION ISSUE	DW	MB
T1	15.01.15	TENDER ISSUE	DW	MB

Caldwell

ARCHITECT
ICA ARCHITECTS

JOB
FINDLATER HOUSE DUBLIN
HOLIDAY INN EXPRESS

DRAWING
ELECTRICAL SERVICES INSTALLATION

GENERAL PURPOSE SOCKET OUTLETS, SMALL POWER & SPECIALIST SYSTEMS BASEMENT

DRAWING NO./REVISION
3682/E201 C4

SCALE/PRINTED AT	DATE	DRAWN	CHECKED
1:125@A1	JAN'15	DW	

UNIT 6 FORESTGROVE BUSINESS PARK TEL (028)90699720 FAX (028)90641625
NEWTOWNBREDA BT8 6AW EMAIL: admin@caldwellconsulting.net